

Connecting via Winsock to STN

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LOGINID:sssptal623paz

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREG no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 09	JAPIO to be reloaded August 25, 2002
NEWS	20	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	21	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	22	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	23	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	EXPRESS		February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information
NEWS	LOGIN		Welcome Banner and News Items
NEWS	PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS	WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:42:07 ON 27 AUG 2002

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:42:20 ON 27 AUG 2002

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STRUCTURE FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

DICTIONARY FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> aspartame

L1 12 ASPARTAME

=> e aspartame/cn

E1 1 ASPARTACTIN (CHICKEN CLONE .LAMBDA.LNR1 PROTEIN MOIETY)/CN

E2 1 ASPARTAM HYDROCHLORIDE/CN

E3 1 --> ASPARTAME/CN

E4 1 ASPARTAME HEMIHYDRATE/CN

E5 1 ASPARTAME HYDROBROMIDE/CN

E6 1 ASPARTAME HYDROCHLORIDE/CN

E7 1 ASPARTAME SACCHARIN SALT/CN

E8 1 ASPARTAMIC ACID/CN

E9 1 ASPARTAMIDE/CN

E10 1 ASPARTAMIDE,

3-BROMO-N-((1,1-DIMETHYLETHOXY) CARBONYL)-5-HYDR

OXYTYROSYL-N1-(2-(3,5-DICHLORO-4-HYDROXYPHENYL)-1-(HYDROXYME

THYL)ETHYL)-3-HYDROXY-, CYCLIC (15.FWDARW.24)-ETHER/CN

E11 1 ASPARTAMIDE, ALANYLGLUTAMYLHISTIDYLPHENYLALANYLALANYL-/CN

E12 1 ASPARTAMIDE,

D-2-PHENYL-N-((PHENYLMETHOXY) CARBONYL) GLYCYL-N4

-METHYL-N1-(2-OXO-1-SULFO-3-AZETIDINYL)-, MONOSODIUM

SALT/CN

=> e3

L2

1 ASPARTAME/CN

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 22839-47-0 REGISTRY

CN L-Phenylalanine, L-.alpha.-aspartyl-, 2-methyl ester (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN L-Phenylalanine, N-L-.alpha.-aspartyl-, 1-methyl ester

CN Succinamic acid, 3-amino-N-(.alpha.-carboxyphenethyl)-, N-methyl ester, stereoisomer (8CI)

OTHER NAMES:

CN .alpha.-L-Aspartyl-L-phenylalanine methyl ester

CN .alpha.-Sweet

CN **Aspartame**

CN Aspartylphenylalanine methyl ester

CN Canderel

CN Dipeptide sweetener

CN E 951

CN L-.alpha.-Aspartyl-L-phenylalanine methyl ester

CN L-Aspartyl-L-3-phenylalanine methyl ester

CN L-Aspartyl-L-phenylalanine methyl ester

CN L-Aspartyl-L-phenylalanyl methyl ester

CN Methyl aspartylphenylalanate

CN NutraSweet

CN Palsweet Diet

CN Sweet dipeptide

FS STEREOSEARCH

DR 7421-84-3, 53906-69-7

MF C14 H18 N2 O5

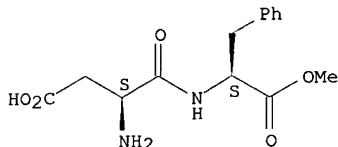
CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHARMASEARCH, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATEFULL (*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2334 REFERENCES IN FILE CA (1967 TO DATE)

64 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2338 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```

=> e coniferaldehyde/cn
E1      1      CONIDIOSPORE SURFACE PROTEIN (TRICHODERMA HARZIANUM STRAIN
A
          TCC 32173 GENE CMPl)/CN
E2      1      CONIFEGEROL/CN
E3      1  -->  CONIFERALDEHYDE/CN
E4      1      CONIFERALDEHYDE METHOXYMETHYL ETHER/CN
E5      1      CONIFERALDEHYDE METHYL ETHER/CN
E6      1      CONIFERAN/CN
E7      1      CONIFERIC ACID/CN
E8      1      CONIFERIN/CN
E9      1      CONIFERIN .BETA.-GLUCOSIDASE/CN
E10     1      CONIFERIN PENTAACETATE/CN
E11     1      CONIFERIN, DIHYDRATE/CN
E12     1      CONIFERIN-HYDROLYZING .BETA.-GLUCOSIDASE/CN

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=> e3
L3      1 CONIFERALDEHYDE/CN

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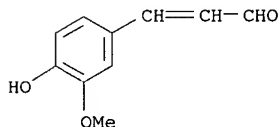
=> d 13

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L3  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2002 ACS
RN  458-36-6  REGISTRY
CN  2-Propenal, 3-(4-hydroxy-3-methoxyphenyl)- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  Cinnamaldehyde, 4-hydroxy-3-methoxy- (6CI, 8CI)
OTHER NAMES:
CN  2-Methoxy-4-(3-oxo-1-propenyl)phenol
CN  3-(4-Hydroxy-3-methoxyphenyl)acrolein
CN  3-Methoxy-4-hydroxycinnamaldehyde
CN  4-Hydroxy-3-methoxycinnamaldehyde
CN  Coniferaldehyde
CN  Coniferyl aldehyde
CN  Ferulaldehyde
CN  Ferulyl aldehyde
CN  p-Coniferaldehyde
FS  3D CONCORD
MF  C10 H10 O3
CI  COM
LC  STN Files:  AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
      BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM,
      DDFU, DRUGU, EMBASE, HODOC*, MEDLINE, NAPRALERT, NIOSHTIC, PIRA,
      SPECINFO, TOXCENTER, USPATFULL
      (*File contains numerically searchable property data)
Other Sources:  EINECS**
      (**Enter CHEMLIST File for up-to-date regulatory information)

```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

388 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
388 REFERENCES IN FILE CAPLUS (1967 TO DATE)
28 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	16.30	16.51

FILE 'CAPLUS' ENTERED AT 14:43:59 ON 27 AUG 2002
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FILE COVERS 1907 - 27 Aug 2002 VOL 137 ISS 9
FILE LAST UPDATED: 26 Aug 2002 (20020826/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> l2
L4 2346 L2

=> l3
L5 388 L3

=> l4 and l5
L6 2 L4 AND L5

=> d l6 l-2 ti fbib abs

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
TI Process for producing aspartyl dipeptide ester derivatives
AN 2001:833348 CAPLUS
DN 135:358168
TI Process for producing aspartyl dipeptide ester derivatives
IN Kawahara, Shigeru; Nagashima, Kazutaka; Takemoto, Tadashi

PA Ajinomoto Co., Inc., Japan
SO PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001085761	A1	20011115	WO 2001-JP3479	20010423
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 2000-137028 A	20000510

OS CASREACT 135:358168; MARPAT 135:358168

AB This document discloses a process for conveniently producing on an industrial scale in high yield

N-[N-[3-(phenyl)propyl]-L-.alpha.-aspartyl]-L-phenylalanine 1-Me ester derivs., which are expected to be sweeteners, by reductively alkylating aspartame with 3-phenyl-2-propenyl aldehyde derivs. under hydrogen in the presence of a catalyst and a base.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

TI Process for producing and purifying aspartame derivative as sweetener

AN 2001:185780 CAPLUS

DN 134:223039

TI Process for producing and purifying aspartame derivative as sweetener

IN Amino, Yusuke; Yuzawa, Kazuko; Takemoto, Tadashi

PA Ajinomoto Co., Inc., Japan

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018034	A1	20010315	WO 2000-JP5665	20000823
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
				JP 1999-253498 A	19990907

OS CASREACT 134:223039

AB This document discloses the following : a method for industrially producing

N-[N-[3-(3-methoxy-4-hydroxyphenyl)propyl]-L-.alpha.-aspartyl]-L-phenylalanine 1-Me ester which is useful as a sweetener, in particular, a

process for producing the target compd. in a high yield by the reductive alkylation reaction of aspartame with 3-(3-methoxy-4-hydroxyphenyl)propionaldehyde or its deriv.; a method of effectively purifying the target compd. contaminated with impurities invading thereinto at various prodn. stages (involving methods other than the above-described reductive alkylation), more particularly, a method of sepgg. the target compd. in the form of highly pure crystals; the crystals;

sweeteners contg. the same; and utilization thereof in various products which are to be sweetened.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> save temp l4 aspartame/a
ANSWER SET L4 HAS BEEN SAVED AS 'ASPARTAME/A'

=> save temp l5 coniferal/a
ANSWER SET L5 HAS BEEN SAVED AS 'CONIFERAL/A'

=> save temp all sweet/l
L# LIST L1-L6 HAS BEEN SAVED AS 'SWEET/L'

=> logoff hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.35	23.86
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CAS SUBSCRIBER PRICE	-1.24	-1.24

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 14:48:23 ON 27 AUG 2002
Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspal623paz

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
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ZCAPLUS